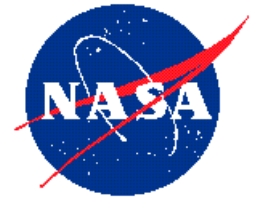


OptiVideo MPEG Compression Products

Optivision, Inc.
Palo Alto, CA



INNOVATION

A family of PC-compatible boards and software for real-time video and audio compression and decompression

ACCOMPLISHMENTS

- ◆ Developed MPEG-1 Encoder and MPEG-1 Decoder under SBIR funding
- ◆ Typical encoding done at 1.5 Mbps (6-10Mbps) to achieve VHS (broadcast) quality video and CD quality stereo audio with MPEG-1 (MPEG-2) encoder
- ◆ Decoder decompresses Motion Picture Experts Group (MPEG) bitstreams for fully synchronized stereo audio and NTSC and PAL video playback
- ◆ Real-time preview of encoding quality provided by using MPEG decoder in conjunction with MPEG encoder

COMMERCIALIZATION

- ◆ Boards brought to market before completion of SBIR contract with internal funds
- ◆ Commercial applications include TV ad insertion, video CD authoring, video-on-demand, interactive video databases, video transmission over networks, and remote learning
- ◆ The product family includes an MPEG-1 VGA decoder, an MPEG-2 VGA decoder, an MPEG-1 encoder, an MPEG input processor, MPEG workstations, and MPEG transmission systems



OptiVideo MPEG-2 Encoding Workstation

COMMERCIALIZATION (CONT'D)

- ◆ FY96 anticipated revenues \$16M
- ◆ ADC Telecommunications invested in Optivision as a result of this technology

GOVERNMENT/SCIENCE APPLICATIONS

- ◆ Telerobotics; telescience; spaceborne experiments; surveillance